

Skyway Road HSIP Grant
Preliminary Engineers Est
Paradise, CA
Pearson to Elliott

| | | |
|-----------------------|-----|----------------------|
| 1 Construction | | \$1,475,040 |
| 2 PS&E | 15% | \$221,256 |
| 3 Construction Eng | 15% | \$221,256 |
| 4 Contingency | 10% | <u>\$147,504</u> |
| Total Estimate | | \$2,065,056 — |

| | |
|-------------------|-------------|
| HSIP (90%) | \$1,858,550 |
| Local Match (10%) | \$206,506 |

Prepared By AGT Date 6/25/2012

Standard Unit Costs for Public Improvements 2011

| No. | Description | Measure | Final 2011 Unit Cost | Units | Cost |
|-----|--|---------|----------------------|-------|--------------|
| 1 | Tree Preservation | L.S. | * | | |
| 2 | Construction Area Signs | L.S. | * | | \$5,000.00 |
| 3 | Traffic Control System | L.S. | * | | \$15,000.00 |
| 4 | Erosion Control | L.S. | * | | \$5,000.00 |
| 5 | Remove Asphalt Concrete Pavement | S.F. | \$2.00 | 24070 | \$48,140.00 |
| 6 | Remove Concrete Pavement | S.F. | \$9.00 | | \$0.00 |
| 7 | Remove Concrete, Curb and Gutter | L.F. | \$7.00 | 4900 | \$34,300.00 |
| 11 | Remove Concrete Slabs (Sidewalk) | S.F. | \$3.50 | 24070 | \$84,245.00 |
| 13 | Remove Drainage Inlet | Each | \$600.00 | 3 | \$1,800.00 |
| 15 | Remove Street Barricade | Each | \$700.00 | 0 | \$0.00 |
| 19 | Relocate Roadside Sign | Each | \$175.00 | 24 | \$4,200.00 |
| 20 | Adjust Manhole Frame and Cover to Grade | Each | \$540.00 | 12 | \$6,480.00 |
| 21 | Adjust Sewer Cleanout Frame and Cover to Grade | Each | \$375.00 | | \$0.00 |
| 22 | Adjust Water Valve Frame and Cover to Grade | Each | \$400.00 | 24 | \$9,600.00 |
| 30 | Pavement Reinforcing Fabric | S.Y. | \$1.90 | 15750 | \$29,925.00 |
| 32 | Asphalt Concrete (Type "A") | Ton | \$100.00 | 1750 | \$175,000.00 |
| 33 | Place Asphalt Concrete (Misc. Areas) | S.Y. | \$24.00 | 200 | \$4,800.00 |
| 34 | RCP, 15" Class 3 | L.F. | \$68.00 | 50 | \$3,400.00 |
| 48 | Curb Inlet (Catch Basin) | Each | \$2,500.00 | 3 | \$7,500.00 |
| 73 | Minor Concrete, Curb and Gutter | L.F. | \$32.00 | 4900 | \$156,800.00 |
| 77 | Minor Concrete, Sidewalk | S.F. | \$10.50 | 48140 | \$505,470.00 |
| 82 | Roadside Sign (One Post) | Each | \$275.00 | 12 | \$3,300.00 |
| 126 | Mobilization | L.S. | ** | | \$15,000.00 |
| 128 | Signal New | Each | \$ 150,000.00 | 1 | \$150,000.00 |
| 129 | Signal Mod | Each | \$ 75,000.00 | 2 | \$150,000.00 |
| 131 | Street Print | S.F. | \$ 4.00 | 2520 | \$10,080.00 |
| 132 | Pavement Markings | L.S. | \$ 50,000.00 | 1 | \$50,000.00 |

* Unit price to be determined by the Town Engineer or requires a backup estimate.

** Mobilization is 5% of the total estimate rounded to the closest \$100.

*** Costs To Be Determined based on project requirements and estimates provided by Utility Companies.

PROJECT TOTAL

\$1,475,040.00

Skyway Road HSIP Grant
Preliminary Engineers Est
Paradise, CA
Pearson to Fir

| | | |
|--------------------|-----|-----------------|
| 1 Construction | | \$826,070 |
| 2 PS&E | 15% | \$123,911 |
| 3 Construction Eng | 15% | \$123,911 |
| 4 Contingency | 10% | <u>\$82,607</u> |

Total Estimate **\$1,156,498**

| | |
|--|-----------|
| HSIP (90% or \$900,000) | \$900,000 |
| Local Match (10% or all above \$900,000) | \$256,498 |

Prepared By AGT Date 6/25/2012

Standard Unit Costs for Public Improvements 2011

| No. | Description | Measure | Final 2011 Unit Cost | Units | Cost |
|-----|--|---------|----------------------|-------|--------------|
| 1 | Tree Preservation | L.S. | * | 0 | |
| 2 | Construction Area Signs | L.S. | * | 0 | \$5,000.00 |
| 3 | Traffic Control System | L.S. | * | 0 | \$15,000.00 |
| 4 | Erosion Control | L.S. | * | 0 | \$5,000.00 |
| 5 | Remove Asphalt Concrete Pavement | S.F. | \$2.00 | 12035 | \$24,070.00 |
| 6 | Remove Concrete Pavement | S.F. | \$9.00 | 0 | \$0.00 |
| 7 | Remove Concrete, Curb and Gutter | L.F. | \$7.00 | 2450 | \$17,150.00 |
| 11 | Remove Concrete Slabs (Sidewalk) | S.F. | \$3.50 | 12035 | \$42,122.50 |
| 13 | Remove Drainage Inlet | Each | \$600.00 | 2 | \$900.00 |
| 15 | Remove Street Barricade | Each | \$700.00 | 0 | \$0.00 |
| 19 | Relocate Roadside Sign | Each | \$175.00 | 12 | \$2,100.00 |
| 20 | Adjust Manhole Frame and Cover to Grade | Each | \$540.00 | 6 | \$3,240.00 |
| 21 | Adjust Sewer Cleanout Frame and Cover to Grade | Each | \$375.00 | 0 | \$0.00 |
| 22 | Adjust Water Valve Frame and Cover to Grade | Each | \$400.00 | 12 | \$4,800.00 |
| 30 | Pavement Reinforcing Fabric | S.Y. | \$1.90 | 7875 | \$14,962.50 |
| 32 | Asphalt Concrete (Type "A") | Ton | \$100.00 | 875 | \$87,500.00 |
| 33 | Place Asphalt Concrete (Misc. Areas) | S.Y. | \$24.00 | 100 | \$2,400.00 |
| 34 | RCP, 15" Class 3 | L.F. | \$68.00 | 0 | \$0.00 |
| 48 | Curb Inlet (Catch Basin) | Each | \$2,500.00 | 0 | \$0.00 |
| 73 | Minor Concrete, Curb and Gutter | L.F. | \$32.00 | 2450 | \$78,400.00 |
| 77 | Minor Concrete, Sidewalk | S.F. | \$10.50 | 24070 | \$252,735.00 |
| 82 | Roadside Sign (One Post) | Each | \$275.00 | 6 | \$1,650.00 |
| 126 | Mobilization | L.S. | ** | 0 | \$15,000.00 |
| 128 | Signal New | Each | \$ 150,000.00 | 1 | \$150,000.00 |
| 129 | Signal Mod | Each | \$ 75,000.00 | 1 | \$75,000.00 |
| 131 | Street Print | S.F. | \$ 4.00 | 1010 | \$4,040.00 |
| 132 | Pavement Markings | L.S. | \$ 25,000.00 | 1 | \$25,000.00 |

* Unit price to be determined by the Town Engineer or requires a backup estimate.

** Mobilization is 5% of the total estimate rounded to the closest \$100.

*** Costs To Be Determined based on project requirements and estimates provided by Utility Companies.

PROJECT TOTAL \$826,070.00